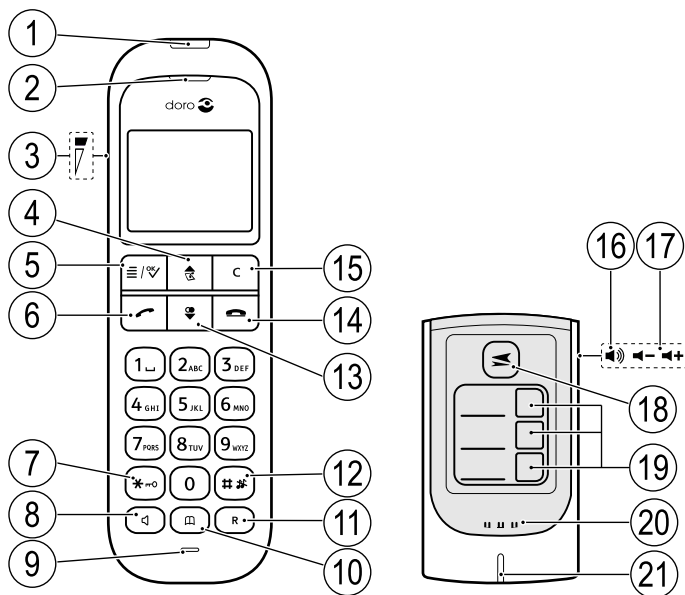


Doro Magna 2000

English





- | | |
|--------------------------------|---------------------------------------|
| 1. Ringer LED | 12. # /Ring tone on/off |
| 2. Earpiece | 13. Down/Redial |
| 3. Extra amplification (boost) | 14. End call |
| 4. Up/Call log | 15. Right menu key/Back/Internal call |
| 5. Left menu key/OK | 16. Speakerphone |
| 6. Call key | 17. Speakerphone volume |
| 7. * /Keypad lock | 18. Paging |
| 8. Speakerphone on/off | 19. Speed dial keys |
| 9. Microphone | 20. Charging contacts |
| 10. Phonebook | 21. Ringer LED |
| 11. Recall key | |

Contents

Congratulations on your purchase	1
Installation	1
Connection	1
Basic setup	2
Operation	2
Calls	2
Sound	4
Handle the phone	6
Phonebook	6
Call list (Caller ID)	8
Settings	10
Handset settings (HS SETTINGS)	10
Base unit settings (BS SETTINGS)	11
Reset to default	12
Expanded system (two or more handsets)	12
Other	14
Battery	14
Range	14
Eco functionality	15
Troubleshooting	15
Care and Maintenance	16
Warranty	16
Specific Absorption Rate (SAR)	17
Declaration of Conformity	17



Congratulations on your purchase

Doro Magna 2000 combines an exceptionally loud receiver, ringer and speakerphone with a stylish design. The speakerphone base allows you to answer calls and dial your three favourite numbers without having to retrieve the handset, perfect for hands free conversations. Additional features include flashing ringer, extra volume boost button, hearing aid compatibility and tone control for clear sound adjustable to your hearing needs. For more information about accessories or other Doro products please visit www.doro.com.

Installation

This device is intended for the analogue telephone network lines in AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LV, LT, LU, MT, NL, NO, PL, PT, RO, SE, SI, SK.

Connection

1. Connect the mains adapter to an electrical wall socket and to  on the base unit.
2. Connect the telephone line cord to a network wall socket and to  on the base unit.
3. Insert the batteries 2 x 1.2 V AAA 500 mAh NiMH into the handset in accordance with the markings.
4. Place the handset in the base unit to charge (24 hours the first time).












Note! Use the telephone line cord supplied. An existing line cord from a previous phone may not be compatible.

Basic setup

Language setup

1. Press /OK. Select (▼/▲) **HS SETTINGS**. Press /OK.
2. Scroll to **LANGUAGE**. Press /OK.
3. Scroll to **ENGLISH**. Press /OK.
4. Press  to exit the menu.

Date/Time setup

1. Press /OK. Select (▼/▲) **HS SETTINGS**. Press /OK.
2. Select **DATE & TIME**. Press /OK.
3. Select **DATE FORMAT** and press /OK. Select **DD-MM-YY** or **MM-DD-YY** and press /OK.
4. Select **TIME FORMAT** and press /OK. Select **24 HR** or **12 HR**. Press /OK.
5. Select **SET TIME** and press /OK.
6. Enter current time. Press /OK.
7. Select **SET DATE**. Press /OK.
8. Enter current year followed by date (DD – MM). Press /OK.



Note! You need to set the correct date and time to gain full functionality.

Operation

Calls

Note! It is not possible to make or receive a call on the base unit if the handset is already using the line and vice versa.






Make a call

1. Enter phone number. Delete with **C**.
2. Press  to make the call. Press  to end the call.


Base unit: Speed dial

Once **Speed dials** have been saved you only need to press one button to make a call.


Store speed dial


1. Press /OK.
2. Select **HS SETTINGS**, press /OK.
3. Select **DIRECT MEM.**, press /OK.
4. Select **M1–M3** and press /OK.
5. Enter phone number. Delete with **C**. Press /OK.

Speed dialling



1. **Base unit:** press the equivalent button (**M1–M3**).
2. Press  to end the call.

Receive a call

An incoming call is indicated on the display with a blinking  and with flashing blue ringer LEDs on the base unit and the handset.

Tip: When someone calls, you can press  to turn off the handset's ring signal.

Handset







1. Press  to answer.
2. Press  to end the call.

Base unit

1. Press  to answer.

2. Press  again to end the call.

Redial



Press . Scroll through the 10 most recently dialled numbers with /. If the number is already in the phonebook, the corresponding name will also be displayed. Press  to call the displayed entry, or press / for the submenu, see Phonebook, p.6.

Call timer

During a call the display will show a timer **HH-MM-SS**, indicating the call duration.

Sound

Volume control

During a call, press  or  to adjust the volume. The volume level is indicated on the display.



Tip: When you end the call, the setting will remain at the last selected level.

Boost (sound amplification)



CAUTION

The handset volume can be very loud. Boost should only be used by persons with impaired hearing ability.

Press  on the side of the handset, to activate/deactivate the volume Boost. When activated the LED indicator illuminates and  is displayed. Boost cannot be activated in speaker mode. Boost is deactivated at the end of each call to avoid harming people with normal hearing.



Hearing aid compatible

**CAUTION**

Do not use extra sound amplification (boost) together with a hearing aid if not necessary. The handset volume can be turned up very loud.

This telephone is hearing aid compatible. Select the **T**-mode on your hearing aid to use this feature. Hearing aid compatibility is not a guarantee that a specific hearing aid will work with a specific telephone. To ensure that a specific hearing aid works well with this telephone, test them together before making a purchase.

Speaker


To switch between handset/speaker press . When activated  is displayed.

Note! Loud noises (music, etc.) in the background may interfere with the function. To save power, the speaker phone and the display light cease to operate at low battery strength.

Mute

During a call, press **C** to switch on/off the microphone.

Ringer



Press and hold **#** in standby to turn on/off the handset ring signal. When ringer is deactivated  is displayed.

Note! Base unit ringer is not affected.




Handle the phone

Keypad lock



Press and hold  to activate/deactivate the keypad lock.

When activated  is displayed. Incoming calls can be answered by pressing  even if the keypad is locked. During the call, the keypad is unlocked. When the call is ended the keypad is locked again.

Paging

Press  on the base unit to page the handset/s. The handset/s will ring and **PAGING** is displayed. The signal will stop automatically, or press  again, or press  on the handset.

Return to previous or to standby mode

Press  once to return to previous display, continue to press  to return to standby mode.

Handset power on/off

Press and hold  in standby to power on/off the handset.





Phonebook

The phonebook will store 100 entries of names and phone numbers. Contacts in the phonebook are arranged alphabetically. Each name can be up to 12 characters in length, and phone numbers can be up to 24 digits in length.





If you subscribe to a Caller ID service, the name/number of the caller will be shown when you receive an incoming call (for those numbers stored in the phonebook or the memories).

Store contacts








1. Press . Press /OK.

2. Select **ADD**. Press /OK.
3. Enter name. Press /OK.
4. Enter phone number. Delete with **C**. Press /OK.
5. Select required **MELODY**. Press /OK.






Dial from the phonebook

1. Press .
2. Scroll /▲ between contacts. Quick search the phonebook by pressing the corresponding number button for the first letter.
3. Press  to make the call. Press  to end the call.

Edit contacts



1. Press .
2. Scroll /▲ to the contact you want to edit. Press /OK.
3. Select **EDIT**. Press /OK.
4. Edit the name. Delete/backspace with **C**. Press /OK.
5. Edit the number. Delete/backspace with **C**. Press /OK.
6. Select the required **MELODY**. Press /OK.

Delete a contact

1. Press .
2. Scroll /▲ to the contact you want to delete and press /OK.
3. Select **DELETE** and press /OK.
4. Press /OK to confirm.

PB STATUS

Here you can check how many phonebook entries are stored and the available storage capacity.

1. Press  and press /OK to enter the menu.

2. Scroll ▼/▲ to **PB STATUS** and press /OK.

Character table

1	[Space] 1 @ _ # = < > () & £ \$ ¥ € [] { } ¤
2	A B C 2 Ä Å Æ Ç Ć
3	D E F 3 Ď ě È É Ê Ë Ě
4	G H I 4 Ğ Ĩ Î Ï
5	J K L 5 Ł Ł
6	M N O 6 Ñ Ñ Ñ Ñ Ñ Ñ Ñ
7	P Q R S 7 Ř Ŕ Š Š
8	T U V 8 Ţ Ţ Ů Ů Ů Ů
9	W X Y Z 9 Ý Ÿ Ž Ž Ž
0	0 . , / : ; " ' ! ? ¿ * + - % \ ^ ~


Call list (Caller ID)





Caller ID allows you to see who is calling before you answer and to see who has called in your absence. If the number is stored in the phonebook, the caller's name will be displayed. The calls are stored in chronological sequence. The last 20 incoming answered and unanswered calls are stored. **NEW CALL/NEW CALLS** will be displayed in standby mode and ★ in the call list indicates a new missed call.

Note! This function requires a subscription from your service provider. Contact your service provider for more information.

Retrieve and dial incoming numbers

1. Press .

Or press /OK and select **CALL LIST**.

2. Select desired number with /.
3. Press  to dial or press /OK for options in the submenu:

ADD TO PB	Store number in Phonebook
DELETE	Delete this number from the call log (not from Phonebook)
DELETE ALL	Delete all numbers from the call log (not from Phonebook)
CATEGORY	Save information about MISSED CALLS (unanswered) or ALL CALLS (answered and unanswered).


Note! As default the last 20 incoming answered and unanswered calls are stored along with the date and time of the calls. To save memory storage you can select to save only **MISSED CALLS**.

Caller identification messages

The following messages can be displayed occasionally:

OUT OF AREA	No information received, e.g. an international call
WITHHELD	The call comes from a withheld number or a PBX
OO	Message indication from your network operator*.

* Only functions in certain countries.

To remove the message indicator: Press  and then press and hold **4**.

Settings

Handset settings (HS SETTINGS)

1. Press /OK. Select **HS SETTINGS** and press /OK.
2. Select desired function e.g. **ALARM** and press /OK.
3. Select desired setting and press /OK.

ALARM	<p>Select ON/OFF to activate/deactivate the alarm.</p> <p>When the alarm is activated is displayed in standby. When the alarm goes off, a signal will be heard for 45 seconds. The signal can be turned off with any key. If SNOOZE is activated the alarm will go off again approximately 7 minutes later. Turn the alarm off permanently via the menu or by holding down for a few seconds. The volume is determined by the set ringer level.</p>
RING SETUP	<p>Select ringer signal for INT. RING (internal calls) and for EXT. RING (external calls).</p> <p>The handset ringer signal volume (RING VOLUME) can be adjusted. 1 = lowest, 5 = highest, or VOLUME OFF.</p>
tone SETUP	<p>Any of the following tones can be enabled/disabled: KEY TONE, BATTERY TONE and OUT OF RANGE.</p>
EQUALIZER	<p>Set the sound settings to best fit your hearing. Select one of the following options:</p> <p>NATURAL – Normal sound.</p> <p>TREBLE – Increased sound for high frequencies.</p> <p>BASS – Increased sound for low frequencies.</p>
LANGUAGE	<p>Language of display texts. See also <u>Language setup, p.2</u>.</p>
RENAME HS	<p>Text displayed in standby.</p>

AUTO ANSWER	The call is answered when the handset is lifted from the base unit.
DATE & TIME	Set date/time. The format of date/time can also be adjusted. See also <u>Date/Time setup, p.2</u>
DIRECT MEM.	Set speed dial numbers for the base unit. See also <u>Base unit: Speed dial, p.3</u>

Base unit settings (BS SETTINGS)

1. Press /OK. Select **BS SETTINGS** and press /OK.
2. Select desired function e.g. **ALARM** and press /OK.
3. Select desired setting and press /OK.

BS RINGER	Select ringer tone for the base unit. Press /OK to confirm.
RING VOLUME	Base unit ringer volume. 1 = lowest, 5 = highest, or VOLUME OFF . Press /OK to confirm.
DELETE HS	To de-register a handset: Enter your current base unit PIN code (0000 is default) and select the handset you wish to de-register. Press /OK to confirm.
FLASH TIME	Set the appropriate recall time (R , FLASH TIME) to ensure correct functionality. SHORT = EU/EES/GB/AUS. MEDIUM = France/Portugal. LONG = New Zealand.

Note! A de-registered handset can no longer be used with the system. It needs to be registered as a new handset, see Register a new handset, p.12

Change PIN

Note! This PIN is not the same as used for remote access of answering machine, see

1. Press /OK. Scroll / to **BS SETTINGS** and press /OK.
2. Scroll to **CHANGE PIN** and press /OK. Enter the old PIN code and press /OK.
3. Enter the new PIN code and press /OK. Confirm with the new PIN code and press /OK again.

Reset to default

You can reset your phone to the default settings. After reset, all your personal settings, call lists and redial lists will be deleted, but your phonebook remains unchanged.

1. Press /OK. Scroll / to **DEFAULT** and press /OK.
2. Enter the PIN code (default code is 0000). Press /OK.
3. Press /OK again to confirm.






Expanded system (two or more handsets)

The handset call number for internal calls will be displayed to the right on the display in standby mode. The base unit should be positioned centrally so that the coverage area is roughly equal for all handsets.


Register a new handset



All handsets included in the package are already registered to the base unit. You can register up to 5 handsets to one base unit.

Note! This model is GAP (Generic Access Profile) compatible, which means that the handset and the base unit can both be used with most other GAP compatible units irrespective of manufacturer. However the GAP protocol cannot guarantee that all functions may be accessed.

1. Hold down  on the base unit until you hear a beep (around 6 seconds).
2. Press /OK/. Select **REGISTRATION**. Press /OK/.
3. Select the base unit you wish to register. Press /OK/.
4. Enter base unit's PIN code (default code is 0000). Press /OK/.
5. If the registration is successful the unit will return to standby within one minute.





Intercom / internal call


1. Press **C**.
2. If using more than 2 handsets: Select handset call number **1** - **5** for the desired handset or **ALL** for all and press /OK/.

A tone will be heard if an external call comes in while an internal call is in progress. End the internal call with  and then answer the external call with .

Transferring calls/conference between handsets

When an external call is connected;

1. Press /OK/.
2. Select **INTERCOM**. Press /OK/.
If using more than 2 handsets: Select handset call number **1** - **5** for the desired handset or **ALL** for all and press /OK/.
3. To transfer: press .

For conference: press and hold .

Other




Battery



CAUTION

Risk of explosion if battery is replaced by an incorrect type. Use only original type of batteries. The use of non-original type batteries may be dangerous and may invalidate the phone's certification and guarantee.

When the batteries are relatively new they will last for approximately 100 hours standby time or approximately 10 hours call time. Full battery capacity will not be reached until the batteries have been charged 4–5 times. It is not possible to overcharge or damage the batteries by charging them for too long. It may take up to 10 minutes charging before display illuminates, if batteries are totally empty.

When the batteries are running low,  will flash and a warning tone will be heard when a call is in progress. The warning tone is optional, see [Hand-set settings \(HS SETTINGS\)](#), p.10. The battery charge indicator  in the display will flash as long as the handset is charging. In order to save the batteries, the display is very dark on standby, press  once to illuminate. To save power, speaker and the display light ceases to operate at low battery strength. When the battery is low or when there is too great a distance to the base unit the phone will be unable to connect to a line. Do not place the base unit close to other electrical equipment, this is to minimize the risk of any interference. It is normal for the device to become warm during charging and this is not dangerous.

Range

The telephone's range depends on whether or not the radio waves carrying the call are restricted by obstacles in their path, and is usually between 50 and 300 metres. Coverage can be improved by turning one's head so that the handset is aligned with the base unit. Sound quality declines as the limit is reached until the call is finally interrupted.

Eco functionality

We have introduced the ECO FUNCTIONALITY label to help customers identify products within our assortment having a lower impact on the environment. Products carrying this label feature:

- Reduced power consumption in both operational and standby.
- Adaptive transmission power depending on range on base unit.

Troubleshooting

Check that the telephone cord is undamaged and properly plugged in. Disconnect any additional equipment, extension cords and other phones. If the problem is resolved, the fault is with some other equipment.

Test the equipment on a known working line (e.g. at a neighbour's house). If the equipment works there the fault is probably with your telephone line. Please report this to your network operator.

Phone does not work

- Check that the adapter/phone cord is connected correctly.
- Check the charge status of the handset batteries.
- Connect another, functioning, phone to the network wall socket.

No number shown when receiving calls

- This function requires a Caller ID subscription from your service provider.

Not possible to make calls

- The batteries may be running low (charge the handset).
- The hand unit may be nearly out of range. Move closer to a base unit.

Phone continues to ring

- Some of the phone's ring tones do not follow the line signal, which means that the signal may continue for up to 8 seconds after answering a call. Try changing ring signal (melody).

If the phone still does not work, please contact the place of purchase for service. Don't forget the receipt or a copy of the invoice.

Care and Maintenance



CAUTION

Only use batteries, mains adapter and accessories approved for use with this particular model. Connecting other accessories may be dangerous and may invalidate the phone's type approval and guarantee. The mains adapter is the disconnect device between the product and mains power. The mains socket outlet must be close to the equipment and easily accessible.

Your unit is a technically advanced product and should be treated with the greatest care. Negligence may void the warranty.

- Protect the unit from moisture. Rain/snowfall, moisture and all types of liquid can contain substances that corrode the electronic circuits. If the unit gets wet, you should disconnect it, remove the battery and allow the unit to dry completely before you replace it.
- Do not use or keep the unit in dusty, dirty environments. The unit's moving parts and electronic components can be damaged.
- Do not keep the unit in warm places. High temperatures can reduce the lifespan for electronic equipment, damage batteries and distort or melt certain plastics.
- Do not keep the unit in cold places. When the unit warms up to normal temperature, condensation can form on the inside which can damage the electronic circuits.
- Do not try to open the unit in any other way than that which is indicated here.
- Do not drop the unit. Do not knock or shake it either. If it is treated roughly the circuits and precision mechanics can be broken.
- Do not use strong chemicals to clean the unit.

The advice above applies to the unit, battery and other accessories. If the unit is not working as it should, please contact the place of purchase for service. Don't forget the receipt or a copy of the invoice.

Warranty

This product is guaranteed for a period of 12 months from the date of purchase. In the unlikely event of a fault occurring during this period, please

contact the place of purchase. Proof of purchase is required for any service or support needed during the guarantee period.

This guarantee will not apply to a fault caused by an accident or a similar incident or damage, liquid ingress, negligence, abnormal usage, non-maintenance or any other circumstances on the user's part. Furthermore, this guarantee will not apply to any fault caused by a thunderstorm or any other voltage fluctuations. As a matter of precaution, we recommend disconnecting the charger during a thunderstorm.

Batteries are consumables and are not included in any guarantee.

This guarantee does not apply if other batteries than the original type of batteries have been used.

Specific Absorption Rate (SAR)

This device meets applicable international safety requirements for exposure to radio waves. The highest SAR value under the ICNIRP guidelines for use of the device at the ear is 0.0597 W/kg measured over 10 g tissue.

The maximum limit according to ICNIRP is 2.0 W/kg measured over 10 g tissue.

Declaration of Conformity

Doro hereby declares that Doro Magna 2000 conforms to the essential requirements and other relevant regulations contained in the Directives 1999/5/EC (R&TTE) and 2011/65/EC (RoHS). A copy of the Declaration of Conformity is available at www.doro.com/dofc

Doro Magna 2000 (1011)

English

Version 1.1

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